

2019

MARYLAND ANNUAL HIV EPIDEMIOLOGICAL PROFILE GENDER DIVERSE PEOPLE SUPPLEMENT

**Data reported through
June 30, 2020**

**CENTER FOR HIV
SURVEILLANCE,
EPIDEMIOLOGY AND
EVALUATION**

Infectious Disease Prevention and
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Administration



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On the Web

<https://phpa.health.maryland.gov/OIDEOR/CHSE/SiteAssets/Pages/statistics/Gender-Diverse-People-HIV-Supplemental-Profile.pdf>

Additional Information and Reporting Instructions

<https://phpa.health.maryland.gov/OIDEOR/CHSE/pages/Home.aspx>

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Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

The Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health is responsible for the collection, analysis, and dissemination of HIV surveillance data for the state of Maryland. The annual epidemiological profiles, fact sheets, maps and other reports attempt to summarize information about the HIV epidemic in Maryland.

HIV Diagnoses

During 2019, there were 14 reported HIV diagnoses among gender diverse people in Maryland. Data presented below describe HIV diagnoses in Maryland, among gender diverse people age 13 years and older, during 2019.

- Geographic distribution: Baltimore City accounted for the highest number (5, 35.7%) of HIV diagnoses.
- Age: Persons aged 20-39 years accounted for the all HIV diagnoses among gender diverse people during 2019.
- Gender Identity: Transfeminine people accounted for all HIV diagnoses among gender diverse people during 2019.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (12, 85.7%) of HIV diagnoses.
- Exposure Category: Sexual contact accounted for the highest number (13, 92.9%) of HIV diagnoses.

People living with Diagnosed HIV

At the end of 2019, there were 334 gender diverse people living with diagnosed HIV in Maryland. Data presented below describe gender diverse people living with diagnosed HIV, aged 13 years and older, in Maryland.

- Geographic distribution: Baltimore City accounted for the highest number (170, 50.9%) of people living with diagnosed HIV.
- Age: Persons aged 20-39 years accounted for the highest number (222, 66.5%) of people living with diagnosed HIV.
- Gender Identity: Transfeminine people accounted for the highest number (313, 93.7%) of people living with diagnosed HIV.
- Race/Ethnicity: Non-Hispanic Blacks accounted for the highest number (254, 76.0%) of the people living with diagnosed HIV.
- Exposure Category: Sexual contact accounted for the highest number (12,576, 39.8%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in Maryland, it is estimated that 89.2% have been diagnosed, while an estimated 40 people with HIV in Maryland remain undiagnosed.
- Linked to care: During 2019, 85.7% of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with diagnosed HIV, 72.9% were retained in care during 2019.
- Viral suppression: In 2019, 57.4% of people living with diagnosed HIV achieved viral suppression.

Technical Notes

HIV/AIDS Reporting

The Maryland HIV/AIDS Reporting Act of 2007 requires that people living with HIV be reported by name to the Maryland Department of Health. As per the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02, physicians are required to report patients in their care with diagnoses of HIV or AIDS and infants born to mothers living with HIV, clinical and infection control practitioners in medical and correctional facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS, and laboratory directors are required to report all HIV diagnostic and HIV-related monitoring test results, including HIV negative test results.

Report Changes

In order to be responsive to changing data needs, the following updates have been made to this report:

- The Background Information section has been replaced with the Summary of Analyses and Technical Notes section.
- Tables describing new HIV diagnoses by geography have been restructured. All new HIV and AIDS diagnoses will appear in Table 1. All laboratory data and outcomes for new HIV diagnoses will be described in Table 2.
- Mean years from HIV to AIDS diagnosis and the percentage of late HIV diagnoses among AIDS diagnoses is no longer presented in tables.
- The treemap figure presenting data by gender identity, race/ethnicity, and exposure category is no longer included in this report.

Data Specifications

Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are only available for people that have been diagnosed with HIV by a health care provider, were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2019, are receiving medical care (often only at facilities in Maryland), and only includes information that has been reported to the health department.

Data presented were reported to the Maryland Department of Health through June 30, 2020. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2019.

This report presents data with a six-month reporting delay. This lag allows for time to report case and laboratory data and to complete investigations. Due to reporting delays, estimates by exposure category and mortality are preliminary.

Please read all table titles and footnotes carefully to ensure a complete understanding of the displayed data.

Gender Expansive People

This supplemental report provides detailed demographic and care data for HIV-diagnosed gender diverse people in Maryland. For the purposes of this report, gender diverse people are defined as people who have a gender identity or gender expression that differs from their assigned sex at birth.

Transfeminine: A person whose sex assigned at birth is male but whose gender identity is female.

Transmasculine: A person whose sex assigned at birth is female but whose gender identity is male.

¹Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2014–2018. HIV Surveillance Supplemental Report 2020;25(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2020. Accessed May 2020.

Another Gender Identity: Additional gender identities or gender expressions.

Gender Identity: refers to one’s internal understanding of one’s own gender or the gender with which a person identifies

Gender Expression: people’s outward presentation of their gender, which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine

Historically, it has been difficult to present data by gender identity. No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number gender diverse people living with diagnosed HIV because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

New HIV Infections

The Centers for Disease Control and Prevention (CDC), using national surveillance data, estimates that the number of people living with undiagnosed HIV infection, among people living with HIV, is 13.8 percent in the United States.¹ Applying the same estimation method to Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 10.8 percent in 2018.

AIDS Diagnoses

CD4+ T-lymphocyte tests are measures of a person’s immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent.

Mortality

People are assumed to be alive unless reported as deceased to the Maryland Department of Health. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting.

Engagement in HIV Care

Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. The presence of these lab tests is used as an indicator that someone has been “linked to care” after diagnosis or is “retained in care.”

Viral Suppression

Viral load tests are measures of the amount of HIV in a person’s body. The goal of HIV treatment is to have a low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, is known as viral suppression. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

Geographic Distribution

Residence at diagnosis is used exclusively to describe new HIV and AIDS diagnoses. Estimates describing the number of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care since prior to 2009. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates.

Residents of Correctional Facilities

People living with diagnosed HIV who were reported to be residing in a state or federal prison will be described for Maryland only. For surveillance purposes, pre- or

post-incarceration residential addresses are used for people living with diagnosed HIV who were incarcerated in local jails and detention centers.

Race/Ethnicity

The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity.

Country of Birth

The completeness of reporting a person's country of birth is variable in surveillance data. Not all agencies collect or have complete data on nativity. In addition, some individuals may immigrate to the U.S. with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Exposure attributed to sexual contact and injection drug use constitute a separate transmission category.

Multiple Imputation

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure

categories. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of people living with diagnosed HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than five people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Tables presenting clinical/laboratory information for reported new diagnoses by ZIP code will present only ZIP codes with at least five people.

Exposure/risk data is not suppressed due to statistical adjustments resulting in the presentation of estimated or probable risk.

Sources of Data

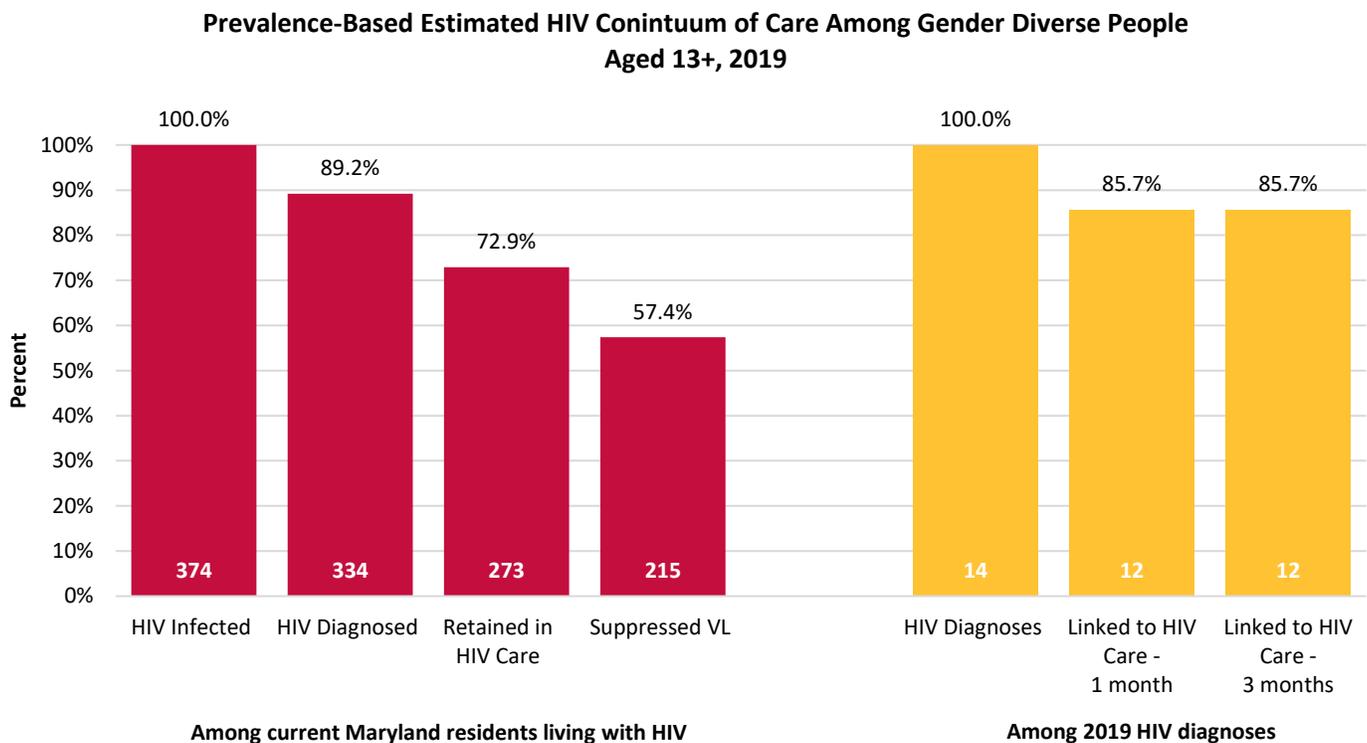
Information on HIV and AIDS diagnoses, including residence, age, race/ethnicity, gender identity, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS), as of June 30, 2020.

Section II – Continuum of Care Cascades

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of people living with HIV who belong to each of the stages of engagement in HIV care.

Figure 1 – Prevalence-Based Estimated 2019 HIV Continuum of Care Cascades, Among Gender Diverse People Aged 13+ Living in Maryland, Reported through June 30, 2020

The prevalence-based Maryland Engagement in HIV Care Cascades (below) apply the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2020, to estimate the number of people living with undiagnosed HIV (10.8 percent) and the estimated number of HIV infected persons currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of gender diverse people living with HIV in Maryland on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 who belong to each of the stages of engagement in HIV care.

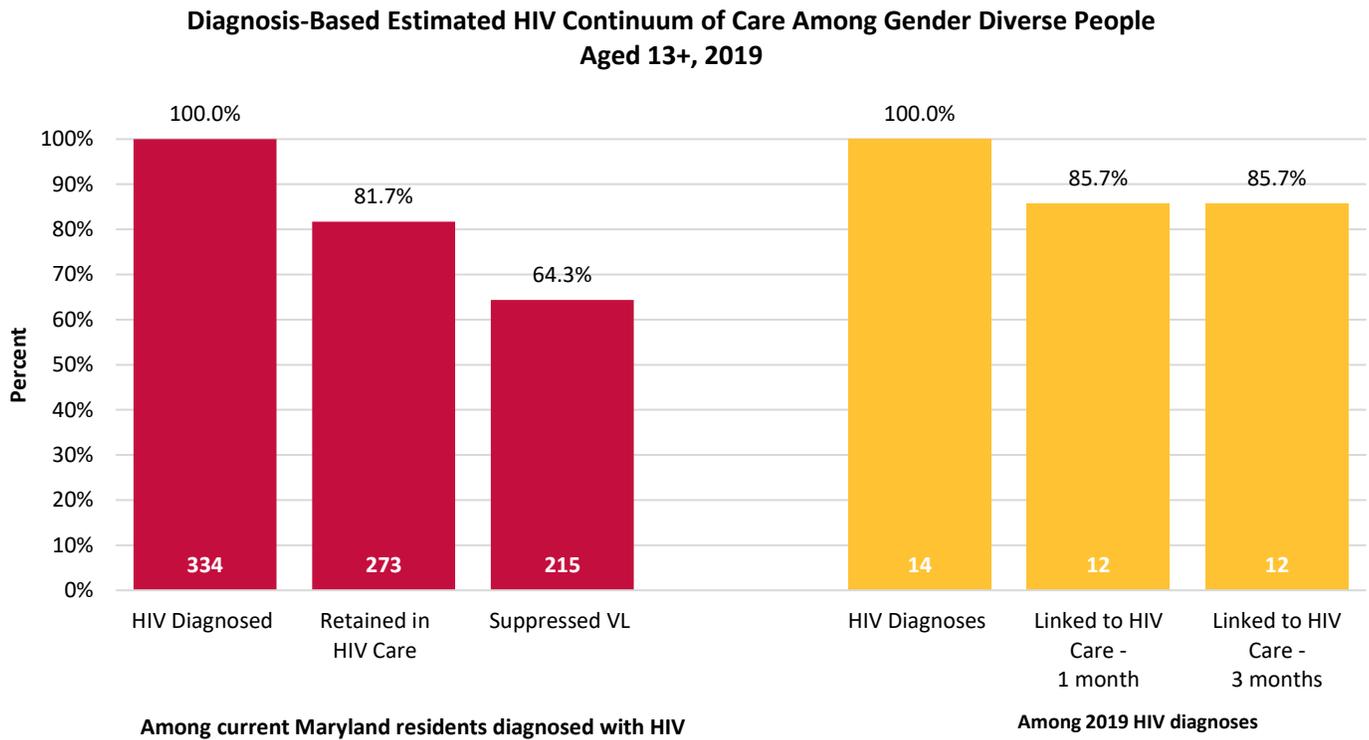


Continuum of Care Stage	Gender Diverse People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2019 HIV Diagnoses	
	Number	Percentage		Number	Percentage
HIV Infected	374	100.0%	New HIV Diagnoses	14	100.0%
HIV Diagnosed	334	89.2%	Linked to HIV Care – 1 Month	12	85.7%
Retained in HIV Care	273	72.9%	Linked to HIV Care – 3 Months	12	85.7%
Suppressed VL	215	57.4%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis*. 2011; 52 (6): 793-800.

Figure 2 – Diagnosis-Based Estimated 2019 HIV Continuum of Care Cascades, Among Gender Diverse People Aged 13+ Living in Maryland, Reported through June 30, 2020

The diagnosis-based Maryland Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Maryland residents to describe the number and percentage of persons living with diagnosed HIV in Maryland on December 31, 2019 and the number and percentage of new HIV diagnoses in 2019 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2019 HIV Diagnoses	
	Number	Percentage		Number	Percentage
HIV Diagnosed	334	100.0%	New HIV Diagnoses	14	100.0%
Retained in HIV Care	273	81.7%	Linked to HIV Care – 1 Month	12	85.7%
Suppressed VL	215	64.3%	Linked to HIV Care – 3 Months	12	85.7%

Section III – Reported HIV Diagnoses, Among Gender Diverse People Aged 13+, by Jurisdiction

Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, Among Gender Diverse People Aged 13+ During 2019, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2020

Jurisdiction of Residence at Diagnosis	Reported HIV Diagnoses Among People Aged 13+		Reported AIDS Diagnoses Among People Aged 13+	
	No.	% of Total	No.	% of Total
Allegany	0	0.0%	0	0.0%
Anne Arundel	2	14.3%	0	0.0%
Baltimore City	5	35.7%	3	42.9%
Baltimore	4	28.6%	1	14.3%
Calvert	0	0.0%	0	0.0%
Caroline	0	0.0%	0	0.0%
Carroll	0	0.0%	0	0.0%
Cecil	0	0.0%	0	0.0%
Charles	0	0.0%	0	0.0%
Dorchester	0	0.0%	0	0.0%
Frederick	1	7.1%	0	0.0%
Garrett	0	0.0%	0	0.0%
Harford	0	0.0%	0	0.0%
Howard	0	0.0%	0	0.0%
Kent	0	0.0%	0	0.0%
Montgomery	0	0.0%	0	0.0%
Prince George's	1	7.1%	3	42.9%
Queen Anne's	0	0.0%	0	0.0%
Saint Mary's	0	0.0%	0	0.0%
Somerset	0	0.0%	0	0.0%
Talbot	0	0.0%	0	0.0%
Washington	0	0.0%	0	0.0%
Wicomico	1	7.1%	0	0.0%
Worcester	0	0.0%	0	0.0%
Corrections	0	0.0%	0	0.0%
Total	14	100.0%	7	100.0%

Table 2 – Reported HIV Diagnoses, Among Gender Diverse People Aged 13+ During 2019, Linked to Care, Late Diagnosis, First CD4 Test Result, and Mean Years from HIV Diagnosis by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2020

Jurisdiction of Residence at HIV Diagnosis	Reported HIV Diagnoses Among People Aged 13+					
	No.	Linked to Care		% Late HIV Diagnoses	First CD4 Test Result	
		% 1 month	% 3 months		% with Test	Median Count
Allegany	0	--	--	--	--	--
Anne Arundel	2	***	***	***	***	***
Baltimore City	5	80.0%	80.0%	0.0%	100.0%	496
Baltimore	4	***	***	***	***	***
Calvert	0	--	--	--	--	--
Caroline	0	--	--	--	--	--
Carroll	0	--	--	--	--	--
Cecil	0	--	--	--	--	--
Charles	0	--	--	--	--	--
Dorchester	0	--	--	--	--	--
Frederick	1	***	***	***	***	***
Garrett	0	--	--	--	--	--
Harford	0	--	--	--	--	--
Howard	0	--	--	--	--	--
Kent	0	--	--	--	--	--
Montgomery	0	--	--	--	--	--
Prince George's	1	***	***	***	***	***
Queen Anne's	0	--	--	--	--	--
Saint Mary's	0	--	--	--	--	--
Somerset	0	--	--	--	--	--
Talbot	0	--	--	--	--	--
Washington	0	--	--	--	--	--
Wicomico	1	***	***	***	***	***
Worcester	0	--	--	--	--	--
Corrections	0	--	--	--	--	--
Total	14	85.7%	85.7%	0.0%	92.9%	717

*** Data withheld due to low population counts and/or small numbers

Table 3 – Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2020

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Allegany	0	0.0%
Anne Arundel	21	6.3%
Baltimore City	170	50.9%
Baltimore	31	9.3%
Calvert	1	0.3%
Caroline	0	0.0%
Carroll	1	0.3%
Cecil	0	0.0%
Charles	4	1.2%
Dorchester	3	0.9%
Frederick	4	1.2%
Garrett	0	0.0%
Harford	6	1.8%
Howard	4	1.2%
Kent	0	0.0%
Montgomery	15	4.5%
Prince George's	60	18.0%
Queen Anne's	0	0.0%
Saint Mary's	3	0.9%
Somerset	0	0.0%
Talbot	0	0.0%
Washington	4	1.2%
Wicomico	4	1.2%
Worcester	1	0.3%
Corrections	2	0.6%
Total	334	100.0%

Table 4 – CD4 Test Results During 2019 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Current Residence, Reported through June 30, 2020

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Allegany	0	--	--	--	--	--	--	--
Anne Arundel	21	13	61.9%	641	15.4%	7.7%	7.7%	69.2%
Baltimore City	170	140	82.4%	627	8.6%	11.4%	13.6%	66.4%
Baltimore	31	25	80.6%	816	4.0%	4.0%	8.0%	84.0%
Calvert	1	***	***	***	***	***	***	***
Caroline	0	--	--	--	--	--	--	--
Carroll	1	***	***	***	***	***	***	***
Cecil	0	--	--	--	--	--	--	--
Charles	4	***	***	***	***	***	***	***
Dorchester	3	***	***	***	***	***	***	***
Frederick	4	***	***	***	***	***	***	***
Garrett	0	--	--	--	--	--	--	--
Harford	6	3	50.0%	***	***	***	***	***
Howard	4	***	***	***	***	***	***	***
Kent	0	--	--	--	--	--	--	--
Montgomery	15	13	86.7%	849	7.7%	15.4%	7.7%	69.2%
Prince George's	60	42	70.0%	633	2.4%	9.5%	21.4%	66.7%
Queen Anne's	0	--	--	--	--	--	--	--
Saint Mary's	3	***	***	***	***	***	***	***
Somerset	0	--	--	--	--	--	--	--
Talbot	0	--	--	--	--	--	--	--
Washington	4	***	***	***	***	***	***	***
Wicomico	4	***	***	***	***	***	***	***
Worcester	1	***	***	***	***	***	***	***
Corrections	2	***	***	***	***	***	***	***
Total	334	261	78.1%	641	7.3%	9.2%	14.9%	68.6%

*** Data withheld due to low population counts and/or small numbers

Table 5 – Viral Load Test Results During 2019 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Jurisdiction of Current Residence, Reported through June 30, 2020

Jurisdiction of Current Residence	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Allegany	0	--	--	--	--
Anne Arundel	21	14	66.7%	71.4%	5,845
Baltimore City	170	142	83.5%	77.5%	22,550
Baltimore	31	26	83.9%	76.9%	3,060
Calvert	1	***	***	***	***
Caroline	0	--	--	--	--
Carroll	1	***	***	***	***
Cecil	0	--	--	--	--
Charles	4	***	***	***	***
Dorchester	3	***	***	***	***
Frederick	4	***	***	***	***
Garrett	0	--	--	--	--
Harford	6	4	66.7%	100.0%	--
Howard	4	***	***	***	***
Kent	0	--	--	--	--
Montgomery	15	14	93.3%	78.6%	12,300
Prince George's	60	44	73.3%	84.1%	16,300
Queen Anne's	0	--	--	--	--
Saint Mary's	3	***	***	***	***
Somerset	0	--	--	--	--
Talbot	0	--	--	--	--
Washington	4	***	***	***	***
Wicomico	4	***	***	***	***
Worcester	1	***	***	***	***
Corrections	2	***	***	***	***
Total	334	271	81.1%	79.3%	13,450

*** Data withheld due to low population counts and/or small numbers

Section IV – Gender Diverse People Living with Diagnosed HIV by Demographics

Table 6 – Reported HIV Diagnoses, Among Gender Diverse People Aged 13+ During 2019, Linked to Care, Late Diagnosis, and First CD4 Test Result by Gender, Age at HIV Diagnosis, Race/Ethnicity, and Exposure Category, Reported through June 30, 2020

Demographic Characteristics	Reported HIV Diagnoses Among Gender Diverse People Aged 13+						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	%	Median Count
Gender							
Transfeminine	14	100.0%	85.7%	85.7%	0.0%	92.9%	717
Transmasculine	0	0.0%	--	--	--	--	--
Another Gender Identity	0	0.0%	--	--	--	--	--
Age at HIV Diagnosis							
13-19	0	0.0%	--	--	--	--	--
20-29	11	78.6%	***	***	***	***	***
30-39	3	21.4%	***	***	***	***	***
40-49	0	0.0%	--	--	--	--	--
50-59	0	0.0%	--	--	--	--	--
60+	0	0.0%	--	--	--	--	--
Race/Ethnicity							
Hispanic	1	7.1%	***	***	***	***	***
Non-Hispanic	13	92.9%	***	***	***	***	***
American Indian/Alaska Native, only	0	0.0%	--	--	--	--	--
Asian, only	0	0.0%	--	--	--	--	--
Black, only	12	85.7%	***	***	***	***	***
Native Hawaiian/Other Pacific Islander, only	0	0.0%	--	--	--	--	--
White, only	0	0.0%	--	--	--	--	--
Multiracial/Other	1	7.1%	***	***	***	***	***
Exposure Category							
Sexual Contact	13	92.9%	***	***	***	***	***
Injection Drug Use	0	0.0%	--	--	--	--	--
Sexual Contact and Injection Drug Use	1	7.1%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposure	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	14	100.0%	85.7%	85.7%	0.0%	92.9%	717

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

*** Data withheld due to low population counts and/or small numbers

Table 7 – Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Gender, Age on December 31, 2019, Race/Ethnicity, and Exposure Category, Reported through June 30, 2020

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Gender		
Transfeminine	313	93.7%
Transmasculine	20	6.0%
Another Gender Identity	1	0.3%
Age on December 31, 2019		
13-19	2	0.6%
20-29	80	24.0%
30-39	142	42.5%
40-49	46	13.8%
50-59	41	12.3%
60+	23	6.9%
Race/Ethnicity		
Hispanic	43	12.9%
Non-Hispanic	291	87.1%
American Indian/Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	254	76.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	18	5.4%
Multiracial/Other	19	5.7%
Exposure Category		
Sexual Contact	288	86.2%
Injection Drug Use	17	5.0%
Sexual Contact and Injection Drug Use	26	7.9%
Perinatal Transmission	3	0.9%
Other Exposure	0	0.0%
No Estimated or Reported Exposure	0	0.0%
Total	334	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

Table 8 – CD4 Test Results During 2019 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Gender, Age on December 31, 2019, Race/Ethnicity, and Exposure Category, Reported through June 30, 2020

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Gender									
Transfeminine	313	243	77.6%	640	7.8%	9.5%	15.2%	67.5%	
Transmasculine	20	***	***	***	***	***	***	***	
Another Gender Identity	1	***	***	***	***	***	***	***	
Age on December 31, 2019									
13-19	2	***	***	***	***	***	***	***	
20-29	80	63	78.8%	614	6.3%	4.8%	23.8%	65.1%	
30-39	142	113	79.6%	689	9.7%	11.5%	11.5%	67.3%	
40-49	46	36	78.3%	765	2.8%	2.8%	5.6%	88.9%	
50-59	41	32	78.0%	594	6.3%	15.6%	21.9%	56.3%	
60+	23	***	***	***	***	***	***	***	
Race/Ethnicity									
Hispanic	43	34	79.1%	638	0.0%	2.9%	11.8%	85.3%	
Non-Hispanic	291	227	78.0%	647	8.4%	10.1%	15.4%	66.1%	
American Indian/Alaska Native, only	0	--	--	--	--	--	--	--	
Asian, only	0	--	--	--	--	--	--	--	
Black, only	254	196	77.2%	652	8.7%	11.2%	15.8%	64.3%	
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--	
White, only	18	13	72.2%	826	0.0%	0.0%	15.4%	84.6%	
Multiracial/Other	19	18	94.7%	593	11.1%	5.6%	11.1%	72.2%	
Exposure Category									
Sexual Contact	288	230	79.7%	663	7.0%	8.3%	15.2%	69.6%	
Injection Drug Use	17	***	***	***	***	***	***	***	
Sexual Contact and Injection Drug Use	26	17	65.2%	555	17.4%	23.3%	5.8%	53.5%	
Perinatal Transmission	3	***	***	***	***	***	***	***	
Other Exposure	0	--	--	--	--	--	--	--	
No Estimated or Reported Exposure	0	--	--	--	--	--	--	--	
Total	334	261	78.1%	641	7.3%	9.2%	14.9%	68.6%	

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

*** Data withheld due to low population counts and/or small numbers

Table 9 – Viral Load Test Results During 2019 for Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Gender, Age on December 31, 2019, Race/Ethnicity, and Exposure Category, Reported through June 30, 2020

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Gender					
Transfeminine	313	252	80.5%	79.0%	13,600
Transmasculine	20	***	***	***	***
Another Gender Identity	1	***	***	***	***
Age on December 31, 2019					
13-19	2	***	***	***	***
20-29	80	65	81.3%	70.8%	29,100
30-39	142	117	82.4%	78.6%	20,000
40-49	46	36	78.3%	86.1%	977
50-59	41	33	80.5%	84.8%	12,300
60+	23	***	***	***	***
Race/Ethnicity					
Hispanic	43	37	86.0%	86.5%	25,100
Non-Hispanic	291	234	80.4%	78.2%	12,730
American Indian/Alaska Native, only	0	--	--	--	--
Asian, only	0	--	--	--	--
Black, only	254	201	79.1%	76.1%	12,515
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	18	15	83.3%	93.3%	1,540,000
Multiracial/Other	19	18	94.7%	88.9%	19,300
Exposure Category					
Sexual Contact	288	235	81.6%	79.5%	15,562
Injection Drug Use	17	***	***	***	***
Sexual Contact and Injection Drug Use	26	19	73.1%	74.1%	1,490
Perinatal Transmission	3	***	***	***	***
Other Exposure	0	--	--	--	--
No Estimated or Reported Exposure	0	--	--	--	--
Total	334	271	81.1%	79.3%	13,450

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

*** Data withheld due to low population counts and/or small numbers

Table 10 – Gender Diverse People Aged 13+ Living with Diagnosed HIV, by Exposure Category and Race/Ethnicity, Alive on December 31, 2019, and Reported through June 30, 2020

Exposure Category	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Sexual Contact	42	97.4%	214	84.4%	16	88.3%
Injection Drug Use	0	0.2%	13	5.2%	1	5.6%
Sexual Contact and Injection Drug Use	1	2.3%	23	9.2%	1	6.1%
Perinatal Transmission	0	0.0%	3	1.2%	0	0.0%
Other Exposure	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0.0%	0	0.0%	0	0.0%
Total	43	100.0%	254	100.0%	18	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total.

Table 11 – Engagement in Care Among Gender Diverse People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2019, by Gender, Age on December 31, 2019, Race/Ethnicity, and Exposure Category, Reported through June 30, 2020

Demographic Characteristics	Total Gender Diverse People Aged 13+ Living with Diagnosed HIV						
	No.	Linked to HIV Care - 3 Months		Retained in Care		Suppressed Viral Load	
		No.	%	No.	%	No.	%
Gender							
Transfeminine	313	185	55.4%	254	76.0%	199	59.6%
Transmasculine	20	***	***	***	***	***	***
Additional Gender Identity	1	***	***	***	***	***	***
Age on December 31, 2019							
13-19	2	***	***	***	***	***	***
20-29	80	49	14.7%	65	19.5%	46	13.8%
30-39	142	86	25.7%	119	35.6%	92	27.5%
40-49	46	33	9.9%	36	10.8%	31	9.3%
50-59	41	16	4.8%	33	9.9%	28	8.4%
60+	23	***	***	***	***	***	***
Race/Ethnicity							
Hispanic	43	33	9.9%	37	11.1%	32	9.6%
Non-Hispanic	291	163	48.8%	236	70.7%	183	54.8%
American Indian/Alaska Native, only	0	0	0.0%	0	0.0%	0	0.0%
Asian, only	0	0	0.0%	0	0.0%	0	0.0%
Black, only	254	140	41.9%	203	60.8%	153	45.8%
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	0	0.0%	0	0.0%
White, only	18	9	2.7%	15	4.5%	14	4.2%
Multiracial/Other	19	14	4.2%	18	5.4%	16	4.8%
Exposure Category							
Sexual Contact	288	177	52.9%	237.1	71.0%	187	56.0%
Injection Drug Use	17	***	***	***	***	***	***
Sexual Contact and Injection Drug Use	26	13	4.0%	19.3	5.8%	14	4.3%
Perinatal Transmission	3	***	***	***	***	***	***
Other Exposure	0	0	0.0%	0	0.0%	0	0.0%
No Estimated or Reported Exposure	0	0	0.0%	0	0.0%	0	0.0%
Total	334	196	58.7%	273	81.7%	215	64.4%

*** Data withheld due to low population counts and/or small numbers

Glossary of Terms

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living people with diagnosed HIV on the specified date.

Another Gender Identity: All other gender identities or gender expressions.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

Corrections: Residence in a state or federal prison. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent with Test: Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: People's outward presentation of their gender, which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: Refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

Injection Drug Use (IDU): People who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at late time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Median Count: Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Other Exposure: People who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Percent Suppressed: Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Perinatal Exposure: Any baby born to an HIV positive mother.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported HIV Diagnoses Among Gender Diverse People Aged 13+: Reported HIV diagnoses, among diverse people, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed during the specified year.

Sexual Contact: People who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, persons who inject drugs, and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Sexual Contact/IDU: People who report a history of sexual contact with a person who is known to have an HIV infection or at high risk for an HIV infection who also have engaged in injection drug use.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Total Gender Diverse People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year not reported to have died as of December 31st of the specified year.

Transgender Female: A person whose sex assigned at birth is male but whose gender identity is female.

Transgender Male: A person whose sex assigned at birth is female but whose gender identity is male.

Viral Load With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.